

Sub B2
35. A system for generating a source in a non-scrolling format for display in a display window using a processor comprising:

a screen page formatting mechanism configured to form a screen page dimensioned to fit the display window, to calculate a number of columns that will fit within the screen page, each column having a width characteristic, and to format the screen page for the number of columns; and a display page formatting mechanism configured to format the source as a display document having a user selected font characteristic and a plurality of display pages each non-scrollably displayable for the screen page.

36. The system of claim 35 wherein the width characteristic comprises a range of a number of characters per line.

37. The system of claim 35 wherein the display document comprises text.

38. The system of claim 35 wherein the display page formatting mechanism further is configured to identify an in-line command in the source and to format the display document according to the in-line command.

39. The system of claim 35 further comprising an image resizing mechanism configured to resize a graphic image from the source to fit within at least one column of the display document.

40. The system of claim 35 further comprising an image resizing mechanism configured to convert a graphic image from the source to an icon displayable within at least one column of the display document.

7/41. The system of claim 40⁶ wherein the image resizing mechanism further is configured to expand the icon to an original size of the graphic image when the icon is selected.

8/42. The system of claim 35¹ further comprising a formatting mechanism configured to be responsive to a formatting command embedded in the source to format a portion of at least one display page according to the formatting command.

9/43. The system of claim 42⁸ wherein the formatting command comprises a hypertext markup language tag-based formatting instruction.

10/44. The system of claim 43^{1 35} wherein the display page is generated for display as a hypertext markup language page.

11/45. The system of claim 35¹ wherein the display page is generated for display as a web-based page.

12/46. The system of claim 35¹ further comprising a table resizing mechanism configured to convert a table from the source to an icon displayable within at least one column of the display document.

13/47. The system of claim 35¹ further comprising a table resizing mechanism configured to reduce a table from the source to be displayable within at least one column of the display document.

14/48. The system of claim 35¹ wherein the number of columns comprises one.

by
attorney
-Clerical
copy
JAN 03 2002

~~15~~
49. The system of claim ~~35~~ wherein the number of columns comprises more than one.

A.
CST.

39₄

A

sub
B3

50. A system for generating a source in a non-scrolling format for display in a display window using a processor comprising:

a screen page formatting mechanism configured to form a screen page dimensioned to fit the display window; and

a display page formatting mechanism configured to format the source as a display document having a user selected font characteristic and a plurality of display pages each non-scrollably displayable for the screen page.

17 51. The system of claim ¹⁶50 further comprising a column formatting mechanism configured to determine a number of columns having a width characteristic that can fit within the display window and to format the screen page for the number of columns.

18 52. The system of claim ¹⁶50 wherein the display document comprises text.

19 53. The system of claim ¹⁶50 wherein the display page formatting mechanism further is configured to identify an in-line command in the source and to format the display document according to the in-line command.

20 54. The system of claim ¹⁶50 further comprising a formatting mechanism configured to be responsive to a formatting command embedded in the source to format a portion of at least one display page according to the formatting command.

21 55. The system of claim ²⁰54 wherein the formatting command comprises a hypertext markup language tag-based formatting instruction.

22 56. The system of claim ¹⁶50 wherein the display page is generated for display as a hypertext markup language page.

VB 57. The system of claim *14* ~~50~~ wherein the display page is generated for display as a web-based page.

A1
cont.

sub
B 4

58. A system for generating a source in a non-scrolling format for display in a display window using a processor comprising:

a screen page formatting mechanism configured to form a screen page dimensioned to fit the display window; and

a display page formatting mechanism configured to format the source as a display document having a user selected font characteristic and a plurality of display pages each non-scrollably displayable for the screen page and to fill the screen page with at least one display page.

25 59. The system of claim ²⁴58 wherein the screen formatting mechanism further is configured to determine a display capability of a display window.

A¹ cont.
26 60. The system of claim ²⁴58 further comprising a column formatting mechanism configured to determine a number of columns having a width characteristic that can fit within the display window and to format the screen page for the number of columns.

27 61. The system of claim ²⁶60 wherein the width characteristic comprises a range of a number of characters per line.

28 62. The system of claim ²⁶60 wherein the number of columns comprises one.

29 63. The system of claim ²⁶60 wherein the number of columns comprises more than one.

30 64. The system of claim ²⁴58 further comprising a font sizing mechanism configured to enable selectively increasing or decreasing a selected font size of the display document.

427

A

31/65. The system of claim ³⁰64 wherein the screen page formatting mechanism further is configured to recalculate a new number of columns having the width characteristic that will fit within the screen page when the font size is changed and to reformat the screen page for the new number of columns.

32/66. The system of claim ³⁰64 wherein the screen page formatting mechanism further is configured to recalculate a new number of columns having the width characteristic when the font size is changed, to reformat the screen page for the new number of columns, and to determine an amount of the display document to be displayed in each column.

33/67. The system of claim ³²66 wherein the page formatting mechanism further is configured to re-format the display document into a new display document having a plurality of new display pages.

34/68. The system of claim ²⁴58 wherein the display document comprises text.

35/69. The system of claim ²⁴58 wherein each of the display pages comprises a portion of the display document that partially or totally fills the screen page.

36/70. The system of claim ²⁴58 wherein the display page formatting mechanism further is configured to identify an in-line command in the source and to format the display document according to the in-line command.

37/71. The system of claim ²⁴58 further comprising an image resizing mechanism configured to resize a graphic image from the source to fit in at least one display page.

28/72. The system of claim ²⁴58 further comprising an image resizing mechanism configured to convert a graphic image from the source to an icon displayable within at least one display page.

39/73. The system of claim ³⁸72 wherein the image resizing mechanism further is configured to expand the icon to an original size of the graphic image when the icon is selected.

40/74. The system of claim ²⁴58 further comprising a page turning mechanism configured to generate for display, without scrolling, another page in a sequence of display pages.

41/75. The system of claim ²⁴58 wherein the dimension of the screen page comprises a dimension of an entire viewable area of a screen.

42/76. The system of claim ²⁴58 wherein the dimension of the screen page comprises a dimension less than a viewable area of a screen.

43/77. The system of claim ²⁴58 further comprising a screen printing mechanism configured to generate for display the screen page having the at least one display page of the display document in the display window.

44/78. The system of claim ²⁴58 further comprising a formatting mechanism configured to be responsive to a formatting command embedded in the source to format a portion of at least one display page according to the formatting command.

45/79. The system of claim ⁴⁴78 wherein the formatting command comprises a hypertext markup language tag-based formatting instruction.

~~46~~²⁴ 80. The system of claim ~~58~~²⁴ wherein the display page is generated for display as a hypertext markup language page.

~~47~~²⁴ 81. The system of claim ~~58~~²⁴ wherein the display page is generated for display as a web-based page.

~~48~~²⁴ 82. The system of claim ~~58~~²⁴ further comprising a table resizing mechanism configured to convert a table from the source to an icon displayable within at least one display page.

~~49~~²⁴ 83. The system of claim ~~58~~²⁴ further comprising a table resizing mechanism configured to reduce a table from the source to be displayable within at least one display page.

~~50~~²⁴ 84. The system of claim ~~58~~²⁴ further comprising a screen printing mechanism configured to screen print the screen page to the display window.

A-
cont.

sub
B5

85. A method for generating a source in a non-scrolling format for display in a display window using a processor comprising:

forming a screen page dimensioned to fit the display window;

calculating a number of columns having a width characteristic that will fit in the screen page;

formatting the screen page for the number of columns; and

formatting the source as a display document having a user selected font characteristic and a plurality of display pages each non-scrollably displayable for the screen page.

A
CWT.

~~52~~ 86. The method of claim ~~85~~⁵¹ wherein the width characteristic comprises a number of characters per line.

~~53~~ 87. The method of claim ~~85~~⁵¹ further comprising generating for display at least one of the display pages.

46

A

Sub
B6

88. A method for generating electronic information in a non-scrolling format for display in a display window using a processor comprising:

forming a screen page dimensioned to fit the display window;

sizing the electronic information to a selected font;

formatting the electronic information to form a display document having display

pages wherein each display page is wholly displayable in the screen display;

and

generating for non-scrollable display at least one display page.

89. The method of claim 88 wherein the selected font comprises a base font.

56 90. The method of claim 88 wherein the electronic information comprises an image and further comprising sizing the image to fit within the display page.

57 91. The method of claim 88 wherein the electronic information comprises an image and further comprising converting the image to an icon for display in the display page.

58 92. The method of claim 88 further comprising enabling changing the selected font.

59 93. The method of claim 88 wherein the selected font is changed and further comprising re-formatting the electronic information to new display pages wherein each new display page is wholly displayable in the screen display.

60 94. The method of claim 88 wherein at least one display page is generated for display as a hypertext markup language page.

54
61 95. The method of claim 88 wherein at least one display page is generated for display as a web-based page.

A.
Cont.

48 13

A

94B8 } 96. A method for generating a source in a non-scrolling format for display in a display window using a processor comprising:

forming a screen page dimensioned to fit the display window; and

formatting the source as a display document having a user selected font characteristic and a plurality of display pages each non-scrollably

displayable for the screen page.

63 97. The method of claim ⁶²96 further comprising:

determining a number of columns having a width characteristic that can fit within the display window; and

formatting the screen page for the number of columns.

64 98. The method of claim ⁶²96 wherein the display document comprises text.

65 99. The method of claim ⁶²96 further comprising:

identifying an in-line command in the source; and

formatting the display document according to the in-line command.

66 100. The method of claim ⁶²96 further comprising being responsive to a formatting command embedded in the source to format a portion of at least one display page according to the formatting command.

67 101. The method of claim ⁶⁶100 wherein the formatting command comprises a hypertext markup language tag-based formatting instruction.

68 102. The method of claim ⁶²96 further comprising generating the display page for display as a hypertext markup language page.

⁶²
69 103. The method of claim 96 further comprising generating the display page for
display as a web-based page.

A
cert

sub
B8
104. A method for generating a source in a non-scrolling format for display in a display window using a processor comprising:

forming a screen page dimensioned to fit the display window;

formatting the source as a display document having a user selected font characteristic and a plurality of display pages each non-scrollably displayable for the screen page; and

filling the screen page with at least one display page.

71 81 105. The method of claim 104 further comprising:

determining a number of columns having a width characteristic that can fit within the display window; and

formatting the screen page for the number of columns.

72 82 106. The method of claim 104 wherein the display document comprises text.

73 83 107. The method of claim 104 further comprising:

identifying an in-line command in the source; and

formatting the display document according to the in-line command.

74 84 108. The method of claim 104 further comprising being responsive to a formatting command embedded in the source to format a portion of at least one display page according to the formatting command.

75 85 109. The method of claim 108 wherein the formatting command comprises a hypertext markup language tag-based formatting instruction.

7686

70

110. The method of claim 104 further comprising generating the display page for display as a hypertext markup language page.

A.
cont.

7289

70

111. The method of claim 104 further comprising generating the display page for display as a web-based page.
